

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query  | DBs                                      | Default Operator | Plurals | Time Stamp          |
|-------|------|---|--|------------------|---------|---------------------|
| S1    | 14   | ("3642411"   "3706517"   "3904338"   "4188770"   "4630426"   "4778372"   "5437546"   "5571473"   "5626804"   "5939107"   "6257866"   "6325607"   "6380549"   "6659758").<br>PN. | USPAT                                    | OR               | OFF     | 2008/09/25<br>13:15 |
| S2    | 12   | ("4140457"   "4269579"   "4360329"   "4418033"   "4421481"   "4639341"   "4663097"   "4994224"   "5262101"   "5415536"   "5676981"   "5707581").<br>PN.                         | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2008/09/25<br>13:25 |
| S3    | 339  | 425/384.ccls. and guide   | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2008/09/25<br>13:35 |
| S4    | 56   | 425/384.ccls. and ((blank or sheet) with guide)   | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2008/09/25<br>13:35 |
| S5    | 3    | 425/384.ccls. and ((blank or sheet) with ((stationary or immovable or fixed) near (guide)))   | US-PGPUB;<br>USPAT;<br>USOCR             | OR               | OFF     | 2008/09/25<br>14:19 |
| S8    | 9    | 425/384.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR               | OFF     | 2008/09/25<br>15:24 |
| S9    | 8    | 425/387.1.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR               | OFF     | 2008/09/25<br>15:24 |
| S15   | 8    | 425/394.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR               | OFF     | 2008/09/25<br>15:25 |
| S16   | 9    | 425/397.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR               | OFF     | 2008/09/25<br>15:25 |

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|-----|-----|---|--|----|-----|---------------------|
| S17 | 7   | 425/398.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR | OFF | 2008/09/25<br>15:38 |
| S18 | 3   | 425/407.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR | OFF | 2008/09/25<br>15:39 |
| S19 | 7   | 425/412.ccls. and<br>@pd> "20080101"  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR | OFF | 2008/09/25<br>15:39 |
| S21 | 3   | "425"/\$.ccls. and ((sheet<br>near guide) with plates)  | US-PGPUB;<br>USPAT;<br>FPRS; EPO;<br>JPO | OR | OFF | 2008/09/25<br>16:17 |
| S22 | 126 | "425"/\$.ccls. and (heat<br>near shield)  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:09 |
| S23 | 6   | ("20020081346"  <br>"20030030173"  <br>"4102964"   "4427476"  <br>"5658523"   "5980231").<br>PN.                                    | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:21 |
| S24 | 9   | ("20040232601"  <br>"3577700"   "3888066"  <br>"4104349"   "4328067"  <br>"4349999"   "4404162"  <br>"6162042"   "7361008").<br>PN. | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:22 |
| S25 | 30  | ("3577700").URPN.   | USPAT                                    | OR | OFF | 2009/01/29<br>11:25 |
| S26 | 811 | (guide near slot) with roller   | USPAT                                    | OR | OFF | 2009/01/29<br>11:31 |
| S27 | 974 | (guide near slot) with roller   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:31 |
| S28 | 0   | (web and thermoform\$4)<br>and ((guide near slot) with<br>roller)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:32 |
| S29 | 0   | (thermoform\$4) and<br>((guide near slot) with<br>roller)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:32 |
| S30 | 4   | (thermoform\$4) and<br>((guide with slot) with<br>roller)   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:32 |
| S31 | 7   | "4188770"   | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:35 |
| S32 | 0   | (web with (guide near<br>means))  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:37 |
| S33 | 0   | (blank with (guide near<br>means))  | US-PGPUB;<br>USPAT                       | OR | OFF | 2009/01/29<br>11:37 |

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|-----|--------|--|-----------------|----|-----|------------------|
| S34 | 0      | (thermoforming with (guide near means))              | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:37 |
| S35 | 0      | (thermoform\$4 and (guide near means))               | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:37 |
| S36 | 0      | (web and (guide near means))                         | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S37 | 0      | (guide near means)                                   | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S38 | 0      | guide with means                                     | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S39 | 914368 | guide  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S40 | 1454   | means  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S41 | 188    | S39 and S40  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S42 | 0      | S39 with S40   | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S43 | 0      | guide same means                                     | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:38 |
| S44 | 188    | guide and means                                      | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:39 |
| S45 | 20814  | (web with guide)                                     | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:39 |
| S46 | 323    | "425"/\$.ccls. and (web with guide)                  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:39 |
| S47 | 152    | thermoform\$4 and (web with guide)                   | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:39 |
| S48 | 12     | thermoform\$4 and (web with (stationary with guide)) | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:41 |
| S49 | 8036   | (guide with (roller and slot))                       | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S50 | 1264   | web and (guide with (roller and slot))               | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S51 | 458    | web and (guide with (roller with slot))              | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S52 | 3293   | (guide with (roller with slot))                      | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S53 | 23725  | thermoform\$4  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S54 | 4      | S53 and S52  | US-PGPUB; USPAT | OR | OFF | 2009/01/29 11:52 |
| S55 | 0      | thermoform\$4 and (guide with (channel with roller)) | US-PGPUB; USPAT | OR | OFF | 2009/01/29 12:41 |
| S56 | 428    | web and (guide with (channel with roller))           | US-PGPUB; USPAT | OR | OFF | 2009/01/29 12:41 |

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|-----|---------|--|------------------------|----|-----|------------------|
| S57 | 2499    | (guide with (channel with roller))   | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S58 | 1268023 | web or sheet   | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S59 | 1268023 | S58 and S58  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S60 | 921     | S57 and S58  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S61 | 16003   | thermoforming  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S62 | 0       | S61 and S60  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S63 | 0       | S61 and S57  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:42 |
| S64 | 3293    | (guide with (slot with roller))  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:43 |
| S65 | 1       | S64 and "I49"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:43 |
| S66 | 2       | S64 and S61  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:43 |
| S67 | 4609    | (guide with (groove with roller))  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:43 |
| S68 | 1       | S67 and thermoforming  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:43 |
| S69 | 6       | 425/384.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:47 |
| S70 | 5       | 425/387.1.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S71 | 4       | 425/394.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S72 | 2       | 425/397.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S73 | 2       | 425/398.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S74 | 1       | 425/407.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S75 | 2       | 425/412.ccls. and @pd> "20081001"  | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:48 |
| S76 | 294     | (cardboard) and (guide with (roller and slot))                             | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:49 |
| S77 | 59      | (cardboard) and (guide with (roller with slot))                            | US-PGPUB; USPAT        | OR | OFF | 2009/01/29 12:49 |
| S78 | 318     | (guide with (strip or film or web)) with (plates with (slots or channels)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/11/23 00:57 |

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|-----|-----|--|------------------------------|----|-----|---------------------|
| S79 | 8   | "425"/\$.ccls. and (guide with (strip or film or web)) with (plates with (slots or channels))                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>00:58 |
| S80 | 5   | "264"/\$.ccls. and (guide with (strip or film or web)) with (plates with (slots or channels))                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:00 |
| S81 | 101 | (guide with (strip or film or web)) with (plates near3 (slots or channels))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:01 |
| S82 | 4   | (guide with (strip or film or web)) with (((fastened or parallel) near3 plates) near3 (slots or channels))                   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:10 |
| S83 | 77  | "425"/\$.ccls. and (heat near3 shields)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:12 |
| S84 | 1   | "425"/\$.ccls. and ((retract \$4 or movabl\$4 or reciproc\$4) with (heat near3 shields))                                     | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:21 |
| S85 | 66  | ((retract\$4 or movabl\$4 or reciproc\$4) with (heat near3 shields))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:21 |
| S86 | 10  | ("3714977"   "4108236"   "4712604"   "4763716"   "4773467"   "4774992"   "4819709"   "5275228"   "5429176"   "5607007"). PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:23 |
| S87 | 9   | ("4819709").URPN.  | USPAT                        | OR | OFF | 2009/11/23<br>01:28 |
| S88 | 1   | ((("same" or common) near3 actuation) with (heat near3 shields))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:29 |
| S89 | 24  | "20020100257" "4561581"  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:35 |
| S90 | 180 | "226"/\$.ccls. and (plates near3 (channels or slots))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:40 |
| S91 | 0   | "226"/\$.ccls. and ((fastened near3 plates) near3 (channels or slots))   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:41 |
| S92 | 0   | "226"/\$.ccls. and ((clamped near3 plates) near3 (channels or slots))  | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:41 |

|      |      |   |                              |    |     |                     |
|------|------|---|------------------------------|----|-----|---------------------|
| S93  | 13   | 425/384.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:44 |
| S94  | 0    | 425/387.7.ccls. and<br>@pd> "20090201"                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:44 |
| S95  | 4    | 425/387.1.ccls. and<br>@pd> "20090201"                                    | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:44 |
| S96  | 10   | 425/394.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S97  | 4    | 425/397.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S98  | 3    | 425/398.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S99  | 4    | 425/403.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S100 | 4    | 425/407.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S101 | 7    | 425/412.ccls. and<br>@pd> "20090201"                                      | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:45 |
| S102 | 1749 | 226/196.1.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:47 |
| S103 | 21   | 226/196.1.ccls. and<br>((plates or platens) near3<br>(slots or channels)) | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:48 |
| S104 | 3    | ("4188770"   "4630426"  <br>"5626804").PN.                                | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2009/11/23<br>01:49 |

11/ 23/ 2009 2:59:29 AM

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